

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kocken et. al.

Serial No.: 10/615,615

Filed: July 8, 2003

For: EFFICIENT EXPRESSION OF
PLASMODIUM APICAL MEMBRANE
ANTIGEN 1 IN YEAST CELLS

Confirmation No.: 8276

Examiner: R. Akhavan

Group Art Unit: 1636

Attorney Docket No.: 2183-6041US

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Commissioner for Patents
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Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

The documents listed on this Supplemental Information Disclosure Statement were previously listed on a Supplemental Information Disclosure Statement submitted on December 15, 2003. The Examiner did not receive copies of the documents; thus, Applicants are

resubmitting with courtesy copies. Attachments include a copy of the postcard, copy of the PTO/SB/08 and cited references.

Other Documents

EMBL Database Entry PFPF83B, Accession number M58546, 1 May 1991.

KOCKEN et al., High-Level Expression of Plasmodium vivax Apical Membrane Antigen 1 (AMA-1) in Pichia pastoris: Strong Immunogenicity in Macaca mulatta Immunized with P. vivax AMA-1 and Adjuvant SBAS2, Infection and Immunity, Jan. 1999, pp. 43-49, Vol. 67, No. 1.

KOCKEN et al., Rapid Screening and Mapping of Conformational Epitopes Expressed in the Secretion Expression System Pichia pastoris, Analytical Biochemistry, 1996, pp. 111-112.

NARUM et al., Ion-exchange-immunoaffinity purification of a recombinant baculovirus Plasmodium falciparum apical membrane antigen, PF83/AMA-1, Journal of Chromatography, 1993, pp. 357-63, Vol. 657, Amsterdam.

THOMAS et al., Analysis of variation in PF83, an erythrocytic merozoite vaccine candidate antigen of Plasmodium falciparum, Molecular and Biochemical Parasitology, 1990, pp. 285-288, Vol. 42.

WITHERS-MARTINEZ et al., PCR-based gene synthesis as an efficient approach for expression of the A + T-rich malaria genome, Protein Engineering, 1999, pp. 1113-20, Vol. 12, No. 12.

PCT International Preliminary Examination Report, PCT/NL01/00934, dated November 1, 2002, 3 pages.

Respectfully submitted,



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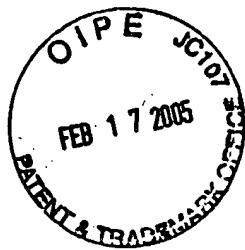
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Date: December 15, 2003

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PTO/SB/08B(10-01)

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of

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Complete if Known

Application Number	10/615,615
Filing Date	July 8, 2003
First Named Inventor	Kocken et. al.
Group Art Unit	1636
Examiner Name	To be assigned
Attorney Docket Number	2183-6041US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		EMBL Database Entry PFPF83B, Accession number M58546, 1 May 1991.
		KOCKEN et al., High-Level Expression of Plasmodium vivax Apical Membrane Antigen 1 (AMA-1) in Pichia pastoris: Strong Immunogenicity in Macaca mulatta Immunized with P. vivax AMA-1 and Adjuvant SBAS2, Infection and Immunity, Jan. 1999, pp. 43-49, Vol. 67, No. 1.
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Examiner Signature	Date Considered
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§§ 1.821 through 1.825 (2 pages); sequence listing in CRF and paper copy;
Amendment (3 pages); Supplemental Information Disclosure Statement (3
pages); PTO/SB/08 (1 page); cited references

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APICAL MEMBRANE ANTIGEN 1 IN YEAST
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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